

2020 Preventive Services Report Addendum

Managed Care Quality and Monitoring Division
California Department of Health Care Services

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Commonly Used Abbreviations and Acronyms

Following is a list of abbreviations and acronyms used throughout this report.

- ◆ **AUS**—*Alcohol Use Screening*
- ◆ **BLS**—*Blood Lead Screening*
- ◆ **CDPH**—California Department of Public Health
- ◆ **CDT**—Code on Dental Procedures and Nomenclature
- ◆ **CPT**—Current Procedural Terminology
- ◆ **DFV**—*Dental Fluoride Varnish*
- ◆ **DHCS**—California Department of Health Care Services
- ◆ **EHR**—electronic health record
- ◆ **EQR**—external quality review
- ◆ **FFS**—fee-for-service
- ◆ **HEDIS**[®]—Healthcare Effectiveness Data and Information Set¹
- ◆ **HIPAA**—Health Insurance Portability and Accountability Act of 1996
- ◆ **HSAG**—Health Services Advisory Group, Inc.
- ◆ **LSC**—*Lead Screening in Children*
- ◆ **MCAS**—Managed Care Accountability Set
- ◆ **MCP**—managed care health plan
- ◆ **MRR**—medical record review
- ◆ **NA**—small denominator or suppressed rate
- ◆ **NCQA**—National Committee for Quality Assurance
- ◆ **OB/GYN**—obstetrician/gynecologist
- ◆ **PCP**—primary care provider
- ◆ **RASSCLE**—Response and Surveillance System for Childhood Lead Exposures
- ◆ **S**—suppressed rate (i.e., small numerator)
- ◆ **TUS**—*Tobacco Use Screening*
- ◆ **WCV**—*Child and Adolescent Well-Care Visits*
- ◆ **W30**—*Well-Child Visits in the First 30 Months of Life*

¹ HEDIS[®] is a registered trademark of the National Committee for Quality Assurance (NCQA).

1. Preventive Services Report Addendum

Overview

The California Department of Health Care Services (DHCS) contracted with Health Services Advisory Group, Inc. (HSAG), to develop this Addendum to the 2020 Preventive Services Report published in December 2020. This Addendum presents the DHCS-calculated *Blood Lead Screening (BLS)* rates, which were calculated in accordance with California Title 17 requirements² as well as following the national Medicaid Healthcare Effectiveness Data and Information Set (HEDIS) technical specifications. Please note, DHCS performed all BLS analyses presented in this Addendum.

This Addendum also presents the managed care health plan (MCP) reporting unit-level results for the six HSAG-calculated indicators (*Well-Child Visits in the First 30 Months of Life—Well-Child Visits in the First 15 Months—Six or More Well-Child Visits*, *Well-Child Visits in the First 30 Months of Life—Well-Child Visits for Age 15 to 30 Months—Two or More Well-Child Visits*, *Child and Adolescent Well-Care Visits—Total*, *Alcohol Use Screening*, *Dental Fluoride Varnish*, and *Tobacco Use Screening*) included in the 2020 Preventive Services Report. MCP reporting unit-level rates for Medi-Cal Managed Care Accountability Set (MCAS) measures that the MCPs are responsible for reporting annually, such as *Chlamydia Screening in Women—16 to 20 Years*, *Developmental Screening in the First Three Years of Life—Total*, and *Screening for Depression and Follow-Up Plan* will be available in the 2019–20 External Quality Review (EQR) Technical Report released in April 2021.

Blood Lead Screening Analysis

This Addendum reports rates for five BLS indicators for reporting year 2020/measurement year 2019. The indicators measure the percentage of children who have had one or more blood tests for lead poisoning, for children who turned 12 months, 24 months, or 6 years old during the measurement year. Statewide and Medi-Cal MCP reporting unit rates are reported. Statewide rates are reported by racial/ethnic, primary language, gender, delivery type model, population density, and county-level stratifications. Continuous enrollment criteria for statewide rates are based on Medi-Cal enrollment. Continuous enrollment criteria for MCP reporting unit rates are based on plan-specific enrollment.

◆ California Title 17 Indicators

- *Blood Lead Screening—Test at 12 Months of Age (BLS–1)*—Individuals who turned 1 year old during the measurement year, who had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after first birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.

² Title 17, California Code of Regulations Section 37100 (b)(2)

- *Blood Lead Screening—Test at 24 Months of Age (BLS–2)*—Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after the second birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.
- *Blood Lead Screening—Two Tests by 24 Months of Age (BLS–1 and 2)*—Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday and also had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 24 months (18 months before and six months after the second birthday) with no more than one gap in enrollment during the 24-month period where the gap is no longer than one month.
- *Blood Lead Screening—Catch-Up Test by 6 Years of Age (BLS–316)*—Individuals who turned 6 years old during the measurement year who were not screened at 1 or 2 years of age, to determine if they were screened between 31 months old and their sixth birthday. Individuals must be continuously enrolled for 12 months prior to their sixth birthday with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month. Exclusion of individuals who had at least one lead blood test prior to 31 months of age. (Note: For this measure, DHCS assessed claims for Current Procedural Terminology [CPT] codes 83655 [lead blood test] and Z0334 [counseling and blood draw]; Z0334 was retired May 1, 2018).

◆ HEDIS

- *Lead Screening in Children (LSC)*—Individuals who turned 2 years old during the measurement year who had a screening by their second birthday. Individuals must be enrolled on their second birthday and continuously enrolled for 12 months prior to their second birthday (with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month). The LSC indicator aligns with DHCS' value-based payment program specifications, which are based on the specifications for the HEDIS *Lead Screening in Children* measure. The LSC indicator does not meet California regulatory requirements; for those specifications, see the California Title 17 indicators listed above.

Overall Findings and Conclusions

- ◆ **The majority of children in Medi-Cal managed care get blood lead screenings by their second birthday.**
 - Statewide performance of children in Medi-Cal managed care, based on the HEDIS *Lead Screening in Children (LSC)* indicator, found that approximately 60.8 percent of children who turned 2 years of age during calendar year 2019 received a blood lead screening before their second birthday.
 - Although the majority of children receive a lead screening, California has an opportunity to improve. The national Medicaid benchmark for the HEDIS *LSC* indicator is 73.1 percent and represents the 50th percentile. California's statewide

aggregate rate of 60.8 percent is below the national benchmark, with varying rates of performance across counties and regions throughout the State.

- Seven counties (Imperial, Monterey, Madera, Marin, Humboldt, Santa Cruz, and San Francisco) performed above the HEDIS benchmark, and all other counties were below the national benchmark.
- Statewide performance of children in Medi-Cal managed care using Title 17 age-stratified indicators varies and reflects opportunity for improvement:
 - 53.3 percent of children who turned 1 year of age during calendar year 2019 were screened within six months of their first birthday.
 - 43.4 percent of children who turned 2 years of age during calendar year 2019 were screened within six months of their second birthday.
 - 30.5 percent of children who turned 2 years of age during calendar year 2019 had been screened within six months of their first and second birthdays (received two screenings).
 - 37.0 percent of children who turned 6 years of age during calendar year 2019, and had not been screened before 31 months of age, had been screened between 31 months of age and their sixth birthday (catch-up screening).
- ◆ **Statewide performance varies based on race/ethnicity and primary language.**
 - Asian and Hispanic/Latino racial/ethnic groups had the highest screening rates, which were consistently higher than statewide aggregate rates by more than a 10 percent relative difference.
 - Screening rates for Black/African Americans, American Indian/Alaska Native, Native Hawaiian/Other Pacific Islander, and White groups were consistently below statewide aggregate rates by more than a 10 percent relative difference, with Black/African Americans having the lowest screening rates.
 - Chinese, Spanish, and Arabic primary language groups had the highest screening rates, which were consistently higher than statewide aggregate rates, by more than a 10 percent relative difference. Hmong, Vietnamese, Farsi, Cambodian, Tagalog, and Other primary language groups' screening rates were generally higher than the statewide aggregate rates.
 - Rates for Korean, English, and Russian primary language groups were consistently below statewide aggregate rates by more than a 10 percent relative difference.
 - Armenian, Korean, and English primary language group rates for children who turned 6 years of age during calendar year 2019, and had not been screened before 31 months of age, were below the statewide aggregate rates by more than a 10 percent relative difference.
- ◆ **No performance differences were noted between males and females.**
- ◆ **Statewide performance for rural versus urban regions varied by indicator.**
 - Rates for rural regions were higher than rates for urban regions for the 12 months, 24 months, and two by 24 months indicators (by a 3.0, 5.4, and 8.8 percent relative difference, respectively).

- Rates for rural regions for children who turned 6 years of age during calendar year 2019, and had not been screened before 31 months of age, were below rates for urban regions by a 23 percent relative difference and were below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ **Blood lead screening performance is regional.**
 - The highest performance was seen in Imperial, Marin, Humboldt, and San Francisco counties, with the highest rates across all indicators.
 - The lowest performance was seen in the Far North and Sierra Range/Foothills regions, with 11 counties (Nevada, Placer, El Dorado, Mariposa, Alpine, Shasta, Siskiyou, Plumas, Inyo, Sierra, and Mono) in the lowest performance quintile across most/all indicators.
 - Rates for children residing in 26 of 58 counties (45 percent) were above the statewide aggregate rate for the LSC indicator, and consistently above the statewide aggregate rate (60.81 percent) by more than a 10 percent relative difference across most/all BLS indicators. These counties were in regions spread across the State: Bay Area, Central Coast, Central Valley, North Coast, Sacramento Valley, and Southern California.
 - Rates for children residing in 15 of 58 (26 percent) Far North and Sierra Range/Foothills counties were consistently below the statewide aggregate rate by more than a 10 percent relative difference across most/all BLS indicators.
 - Screening rates for children who turned 6 years of age during calendar year 2019, and had not been screened before 31 months of age, were below the statewide aggregate rate by more than a 10 percent relative difference in 40 of the 58 (69 percent) California counties.

Blood Lead Screening Statewide Results

Blood Lead Screening—12 Months of Age

Individuals who turned 1 year old during the measurement year, who had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after first birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.

Table 1.1—Blood Lead Screening—12 Months of Age (BLS-1)—Statewide Results

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule's de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	53.25%
Race/Ethnicity	
American Indian or Alaska Native	40.31%
Asian	60.36%
Black or African American	35.12%
Hispanic or Latino	58.84%
Native Hawaiian or Other Pacific Islander	43.22%
White	43.72%
Other	50.19%
Unknown/Missing	47.69%
Primary Language	
Arabic	69.51%
Armenian	54.21%
Cambodian	59.72%
Chinese	76.16%
English	47.83%
Farsi	60.65%
Hmong	62.92%

Stratification	Rate
Korean	52.32%
Russian	44.96%
Spanish	68.24%
Tagalog	59.42%
Vietnamese	61.97%
Other	59.38%
Unknown/Missing	46.88%
Gender	
Female	53.32%
Male	53.19%
Delivery Type Model	
County Organized Health Systems	58.86%
Geographic Managed Care	51.20%
Two-Plan (Local Initiative or Commercial Plan)	51.98%
Regional	43.86%
Population Density	
Rural	54.69%
Urban	53.08%
County	
Alameda	50.82%
Alpine	NA
Amador	45.74%
Butte	50.88%
Calaveras	43.03%
Colusa	57.87%
Contra Costa	44.30%
Del Norte	44.63%
El Dorado	24.29%
Fresno	52.55%

Stratification	Rate
Glenn	71.25%
Humboldt	72.07%
Imperial	76.27%
Inyo	13.13%
Kern	59.23%
Kings	64.65%
Lake	24.42%
Lassen	44.52%
Los Angeles	54.06%
Madera	71.37%
Marin	73.97%
Mariposa	25.29%
Mendocino	65.52%
Merced	49.17%
Modoc	38.18%
Mono	S
Monterey	78.74%
Napa	51.00%
Nevada	38.37%
Orange	61.72%
Placer	30.73%
Plumas	12.77%
Riverside	45.37%
Sacramento	36.48%
San Benito	62.17%
San Bernardino	46.73%
San Diego	62.16%
San Francisco	69.41%
San Joaquin	43.31%

Stratification	Rate
San Luis Obispo	46.65%
San Mateo	67.00%
Santa Barbara	61.73%
Santa Clara	54.82%
Santa Cruz	73.28%
Shasta	15.95%
Sierra	NA
Siskiyou	18.84%
Solano	47.33%
Sonoma	35.40%
Stanislaus	36.74%
Sutter	48.20%
Tehama	70.06%
Trinity	48.05%
Tulare	64.75%
Tuolumne	59.12%
Ventura	62.79%
Yolo	60.79%
Yuba	40.07%

Compared to the statewide aggregate rate of 53.25 percent for the *Test at 12 Months of Age (BLS-1)* indicator:

- ◆ The rates for the following racial/ethnic groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - American Indian or Alaska Native (40.31 percent)
 - Black or African American (35.12 percent)
 - Native Hawaiian or Other Pacific Islander (43.22 percent)
 - White (43.72 percent)
- ◆ The rates for the following primary language groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - English (47.83 percent)
 - Russian (44.96 percent)

- ◆ The rates for males and females were similar.
- ◆ The rate for the Regional delivery type model (43.86 percent) was below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ The rate for the rural regions was above the rate for the urban regions by a 3.0 percent relative difference.
- ◆ The top five performing counties were Monterey, Imperial, Marin, Santa Cruz, and Humboldt.
- ◆ The bottom five performing counties were El Dorado, Siskiyou, Shasta, Inyo, and Plumas.

Blood Lead Screening—24 Months of Age

Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after the second birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.

Table 1.2—Blood Lead Screening—24 Months of Age (BLS-2)—Statewide Results

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	43.40%
Race/Ethnicity	
American Indian or Alaska Native	33.40%
Asian	46.43%
Black or African American	29.23%
Hispanic or Latino	48.79%
Native Hawaiian or Other Pacific Islander	28.27%
White	33.61%
Other	39.91%
Unknown/Missing	38.13%
Primary Language	
Arabic	52.73%
Armenian	39.16%

Stratification	Rate
Cambodian	51.52%
Chinese	59.83%
English	38.18%
Farsi	47.60%
Hmong	47.08%
Korean	32.86%
Russian	33.02%
Spanish	57.64%
Tagalog	46.67%
Vietnamese	45.81%
Other	49.30%
Unknown/Missing	25.32%
Gender	
Female	43.31%
Male	43.49%
Delivery Type Model	
County Organized Health Systems	49.61%
Geographic Managed Care	41.66%
Two-Plan (Local Initiative or Commercial Plan)	41.92%
Regional	33.60%
Population Density	
Rural	45.41%
Urban	43.08%
County	
Alameda	39.88%
Alpine	NA
Amador	44.09%
Butte	41.25%
Calaveras	27.50%

Stratification	Rate
Colusa	52.63%
Contra Costa	27.69%
Del Norte	29.03%
El Dorado	15.77%
Fresno	47.75%
Glenn	56.33%
Humboldt	57.82%
Imperial	67.99%
Inyo	12.82%
Kern	46.41%
Kings	48.29%
Lake	24.25%
Lassen	17.61%
Los Angeles	43.41%
Madera	66.11%
Marin	64.01%
Mariposa	20.99%
Mendocino	59.57%
Merced	41.32%
Modoc	22.03%
Mono	S
Monterey	66.55%
Napa	44.53%
Nevada	32.48%
Orange	54.57%
Placer	21.50%
Plumas	10.81%
Riverside	35.76%
Sacramento	28.76%

Stratification	Rate
San Benito	47.09%
San Bernardino	37.84%
San Diego	51.03%
San Francisco	55.84%
San Joaquin	34.80%
San Luis Obispo	38.49%
San Mateo	56.07%
Santa Barbara	51.44%
Santa Clara	43.25%
Santa Cruz	67.24%
Shasta	13.58%
Sierra	NA
Siskiyou	12.06%
Solano	32.32%
Sonoma	27.31%
Stanislaus	30.18%
Sutter	37.06%
Tehama	52.83%
Trinity	34.78%
Tulare	53.94%
Tuolumne	41.06%
Ventura	51.68%
Yolo	48.31%
Yuba	31.32%

Compared to the statewide aggregate rate of 43.40 percent for the *Test at 24 Months of Age (BLS-2)* indicator:

- ◆ The rates for the following racial/ethnic groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - American Indian or Alaska Native (33.40 percent)
 - Black or African American (29.23 percent)

- Native Hawaiian or Other Pacific Islander (28.27 percent)
- White (33.61 percent)
- ◆ The rates for the following primary language groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - English (38.18 percent)
 - Korean (32.86 percent)
 - Russian (33.02 percent)
- ◆ The rates for males and females were similar.
- ◆ The rate for the Regional delivery type model (33.60 percent) was below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ The rate for the rural regions was above the rate for the urban regions by a 5.4 percent relative difference.
- ◆ The top five performing counties were Imperial, Santa Cruz, Monterey, Madera, and Marin.
- ◆ The bottom five performing counties were Shasta, Inyo, El Dorado, Siskiyou, and Plumas.

Blood Lead Screening—Two Tests by 24 Months of Age

Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday and also had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 24 months (18 months before and six months after the second birthday) with no more than one gap in enrollment during the 24-month period where the gap is no longer than one month.

Table 1.3—Blood Lead Screening—Two Tests by 24 Months of Age (BLS–1 and 2)—Statewide Results

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	30.51%
Race/Ethnicity	
American Indian or Alaska Native	20.50%
Asian	34.98%
Black or African American	15.26%
Hispanic or Latino	35.53%

Stratification	Rate
Native Hawaiian or Other Pacific Islander	15.81%
White	21.31%
Other	27.28%
Unknown/Missing	25.41%
Primary Language	
Arabic	40.09%
Armenian	28.57%
Cambodian	32.76%
Chinese	51.16%
English	24.72%
Farsi	30.72%
Hmong	32.34%
Korean	24.37%
Russian	19.41%
Spanish	45.74%
Tagalog	38.67%
Vietnamese	35.44%
Other	33.44%
Unknown/Missing	14.17%
Gender	
Female	30.52%
Male	30.50%
Delivery Type Model	
County Organized Health Systems	38.82%
Geographic Managed Care	28.05%
Two-Plan (Local Initiative or Commercial Plan)	28.45%
Regional	20.66%
Population Density	
Rural	32.78%

Stratification	Rate
Urban	30.14%
County	
Alameda	28.06%
Alpine	NA
Amador	37.27%
Butte	28.13%
Calaveras	19.10%
Colusa	36.55%
Contra Costa	17.68%
Del Norte	15.20%
El Dorado	7.93%
Fresno	30.92%
Glenn	44.83%
Humboldt	46.01%
Imperial	58.38%
Inyo	0.00%
Kern	35.61%
Kings	35.62%
Lake	15.47%
Lassen	S
Los Angeles	29.71%
Madera	56.35%
Marin	56.50%
Mariposa	S
Mendocino	47.01%
Merced	26.02%
Modoc	S
Mono	0.00%
Monterey	57.45%

Stratification	Rate
Napa	21.50%
Nevada	10.06%
Orange	44.69%
Placer	9.28%
Plumas	S
Riverside	21.79%
Sacramento	14.47%
San Benito	35.47%
San Bernardino	23.32%
San Diego	38.12%
San Francisco	47.40%
San Joaquin	21.07%
San Luis Obispo	27.90%
San Mateo	48.11%
Santa Barbara	38.88%
Santa Clara	29.68%
Santa Cruz	61.81%
Shasta	4.13%
Sierra	NA
Siskiyou	S
Solano	17.78%
Sonoma	15.88%
Stanislaus	17.47%
Sutter	20.95%
Tehama	41.61%
Trinity	23.73%
Tulare	40.27%
Tuolumne	21.16%
Ventura	41.61%

Stratification	Rate
Yolo	33.21%
Yuba	15.07%

Compared to the statewide aggregate rate of 30.51 percent for the *Two Tests by 24 Months of Age (BLS-1 and 2)* indicator:

- ◆ The rates for the following racial/ethnic groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - American Indian or Alaska Native (20.50 percent)
 - Black or African American (15.26 percent)
 - Native Hawaiian or Other Pacific Islander (15.81 percent)
 - White (21.31 percent)
 - Other (27.28 percent)
- ◆ The rates for the following primary language groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - English (24.72 percent)
 - Korean (24.37 percent)
 - Russian (19.41 percent)
- ◆ The rates for males and females were similar.
- ◆ The rate for the Regional delivery type model (20.66 percent) was below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ The rate for the rural regions was above the rate for the urban regions by an 8.8 percent relative difference.
- ◆ The top five performing counties were Santa Cruz, Imperial, Monterey, Marin, and Madera.
- ◆ The bottom five performing counties were Mono, Inyo, El Dorado, Placer, and Shasta.

Blood Lead Screening—Catch-Up Test by 6 Years of Age

Individuals who turned 6 years old during the measurement year who were not screened at 1 or 2 years of age, to determine if they were screened between 31 months old and their sixth birthday. Individuals must be continuously enrolled for 12 months prior to their sixth birthday with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month. Exclusion of individuals who had at least one lead blood test prior to 31 months of age. (Note: For this measure, DHCS assessed claims for CPT codes 83655 [lead blood test] and Z0334 [counseling and blood draw]; Z0334 was retired May 1, 2018).

**Table 1.4—Blood Lead Screening—Catch-Up Test by 6 Years of Age (BLS-316)—
Statewide Results**

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	36.99%
Race/Ethnicity	
American Indian or Alaska Native	31.12%
Asian	44.58%
Black or African American	35.20%
Hispanic or Latino	41.86%
Native Hawaiian or Other Pacific Islander	28.85%
White	24.64%
Other	38.48%
Unknown/Missing	32.43%
Primary Language	
Arabic	67.70%
Armenian	30.94%
Cambodian	48.78%
Chinese	57.23%
English	33.16%
Farsi	69.30%
Hmong	49.56%
Korean	25.00%
Russian	36.80%
Spanish	47.92%
Tagalog	52.00%
Vietnamese	63.13%
Other	65.81%

Stratification	Rate
Unknown/Missing	15.07%
Gender	
Female	37.02%
Male	36.95%
Delivery Type Model	
County Organized Health Systems	28.67%
Geographic Managed Care	41.28%
Two-Plan (Local Initiative or Commercial Plan)	39.84%
Regional	18.80%
Population Density	
Rural	29.46%
Urban	38.54%
County	
Alameda	33.23%
Alpine	NA
Amador	19.64%
Butte	14.86%
Calaveras	11.20%
Colusa	22.92%
Contra Costa	25.71%
Del Norte	20.69%
El Dorado	15.22%
Fresno	37.37%
Glenn	36.56%
Humboldt	38.74%
Imperial	47.27%
Inyo	17.39%
Kern	50.30%
Kings	45.37%

Stratification	Rate
Lake	32.60%
Lassen	30.91%
Los Angeles	40.96%
Madera	31.54%
Marin	41.82%
Mariposa	S
Mendocino	31.31%
Merced	30.90%
Modoc	NA
Mono	S
Monterey	24.34%
Napa	27.36%
Nevada	11.18%
Orange	30.60%
Placer	14.31%
Plumas	22.97%
Riverside	44.54%
Sacramento	36.83%
San Benito	27.16%
San Bernardino	40.85%
San Diego	45.37%
San Francisco	38.86%
San Joaquin	36.86%
San Luis Obispo	11.89%
San Mateo	27.71%
Santa Barbara	26.06%
Santa Clara	40.02%
Santa Cruz	23.47%
Shasta	15.51%

Stratification	Rate
Sierra	NA
Siskiyou	10.16%
Solano	31.67%
Sonoma	31.37%
Stanislaus	34.52%
Sutter	30.77%
Tehama	34.97%
Trinity	S
Tulare	27.70%
Tuolumne	18.58%
Ventura	34.64%
Yolo	33.06%
Yuba	23.27%

Compared to the statewide aggregate rate of 36.99 percent for the *Catch-Up Test by 6 Years of Age (BLS–316)* indicator:

- ◆ The rates for the following racial/ethnic groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - American Indian or Alaska Native (31.12 percent)
 - Native Hawaiian or Other Pacific Islander (28.85 percent)
 - White (24.64 percent)
- ◆ The rates for the following primary language groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - Armenian (30.94 percent)
 - English (33.16 percent)
 - Korean (25.00 percent)
- ◆ The rates for males and females were similar.
- ◆ The rates for the following delivery type models were below the statewide aggregate rate by more than a 10 percent relative difference:
 - County Organized Health Systems (28.67 percent)
 - Regional (18.80 percent)
- ◆ The rate for the rural regions was below the rate for the urban regions by a 23.6 percent relative difference and was below the statewide aggregate rate by more than a 10 percent relative difference.

- ◆ The top five performing counties were Kern, Imperial, San Diego, Kings, and Riverside.
- ◆ The bottom five performing counties were Placer, San Luis Obispo, Calaveras, Nevada, and Siskiyou.

Lead Screening in Children

Individuals who turned 2 years old during the measurement year who had a screening by their second birthday. Individuals must be enrolled on their second birthday and continuously enrolled for 12 months prior to their second birthday (with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month).

Table 1.5—Lead Screening in Children (LSC)—Statewide Results

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

The national Medicaid benchmark for the HEDIS LSC indicator is 73.1 percent and represents the 50th percentile.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	60.81%
Race/Ethnicity	
American Indian or Alaska Native	52.22%
Asian	68.14%
Black or African American	44.68%
Hispanic or Latino	66.68%
Native Hawaiian or Other Pacific Islander	51.60%
White	48.73%
Other	56.62%
Unknown/Missing	55.14%
Primary Language	
Arabic	73.59%
Armenian	63.76%
Cambodian	62.50%
Chinese	79.44%

Stratification	Rate
English	55.32%
Farsi	71.04%
Hmong	65.23%
Korean	58.48%
Russian	50.71%
Spanish	75.39%
Tagalog	71.95%
Vietnamese	72.18%
Other	68.42%
Unknown/Missing	42.38%
Gender	
Female	60.97%
Male	60.65%
Delivery Type Model	
County Organized Health Systems	64.12%
Geographic Managed Care	58.78%
Two-Plan (Local Initiative or Commercial Plan)	60.52%
Regional	45.99%
Population Density	
Rural	60.25%
Urban	61.02%
County	
Alameda	59.32%
Alpine	NA
Amador	66.15%
Butte	52.05%
Calaveras	38.50%
Colusa	70.44%
Contra Costa	53.63%

Stratification	Rate
Del Norte	53.19%
El Dorado	28.11%
Fresno	60.88%
Glenn	72.24%
Humboldt	76.32%
Imperial	81.55%
Inyo	S
Kern	69.64%
Kings	71.26%
Lake	40.93%
Lassen	37.23%
Los Angeles	62.59%
Madera	77.19%
Marin	76.56%
Mariposa	26.25%
Mendocino	69.52%
Merced	53.99%
Modoc	36.36%
Mono	0.00%
Monterey	79.76%
Napa	54.51%
Nevada	31.70%
Orange	70.50%
Placer	29.14%
Plumas	14.29%
Riverside	52.56%
Sacramento	43.94%
San Benito	71.81%
San Bernardino	55.23%

Stratification	Rate
San Diego	69.55%
San Francisco	74.78%
San Joaquin	54.92%
San Luis Obispo	48.86%
San Mateo	72.67%
Santa Barbara	61.54%
Santa Clara	61.64%
Santa Cruz	75.60%
Shasta	18.33%
Sierra	NA
Siskiyou	18.02%
Solano	49.81%
Sonoma	44.72%
Stanislaus	48.66%
Sutter	55.18%
Tehama	69.74%
Trinity	34.92%
Tulare	71.20%
Tuolumne	64.81%
Ventura	69.40%
Yolo	64.27%
Yuba	49.91%

Compared to the statewide aggregate rate of 60.81 percent for the *Lead Screening in Children (LSC)* indicator:

- ◆ The rates for the following racial/ethnic groups were below the statewide aggregate rate by more than a 10 percent relative difference:
 - American Indian or Alaska Native (52.22 percent)
 - Black or African American (44.68 percent)
 - Native Hawaiian or Other Pacific Islander (51.60 percent)
 - White (48.73 percent)

- ◆ The rate for the Russian primary language group (50.71 percent) was below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ The rates for males and females were similar.
- ◆ The rate for the Regional delivery type model (45.99 percent) was below the statewide aggregate rate by more than a 10 percent relative difference.
- ◆ The rates for rural and urban regions were similar.
- ◆ The top five performing counties were Imperial, Monterey, Madera, Marin, and Humboldt.
- ◆ The bottom five performing counties were Plumas, Siskiyou, Shasta, Mariposa, and Mono.

County Quintiles

For each *Blood Lead Screening* indicator, DHCS calculated performance quintiles based on county performance (i.e., 20th percentile, 40th percentile, 60th percentile, and 80th percentile). DHCS then determined into which quintile each county fell (e.g., below the 20th percentile, between the 20th and 40th percentiles) as shown in Table 1.6.

Table 1.6—Statewide Performance Quintile Thresholds

Statewide Performance Quintile	Performance Thresholds
Quintile 1 (least favorable rates)	Below the 20th percentile
Quintile 2	At or above the 20th percentile but below the 40th percentile
Quintile 3	At or above the 40th percentile but below the 60th percentile
Quintile 4	At or above the 60th percentile but below the 80th percentile
Quintile 5 (most favorable rates)	At or above the 80th percentile

Table 1.7—Blood Lead Screening—Statewide Performance Quintile Comparisons

Blood Lead Screening Indicator	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Title 17 Blood Lead Screening Indicators					
BLS-1	Below 35.40%	35.40% to 45.73%	45.74% to 54.05%	54.06% to 64.74%	64.75% or Greater
BLS-2	Below 24.25%	24.25% to 34.79%	34.80% to 44.08%	44.09% to 53.93%	53.94% or Greater
BLS-1 and 2	Below 9.28%	9.28% to 21.06%	21.07% to 29.70%	29.71% to 41.60%	41.61% or Greater
BLS-316	Below 15.51%	15.51% to 25.70%	25.71% to 31.36%	31.37% to 37.36%	37.37% or Greater
HEDIS Blood Lead Screening Indicator					
LSC	Below 34.92%	34.92% to 52.55%	52.56% to 61.63%	61.64% to 71.19%	71.20% or Greater

Benchmarking Considerations

DHCS will use the Quality Compass³ national Medicaid benchmarks to inform the development of California-specific benchmarks with stratifications consistent with Title 17 requirements. The Quality Compass national Medicaid benchmark will also provide a point of comparison with other state Medicaid programs. DHCS plans on holding stakeholder discussion to review benchmarking considerations prior to establishing benchmarks. After thorough discussion with stakeholders, future iterations of the Preventive Services Report will include both the Quality Compass national Medicaid benchmark and California State benchmarks which will be used to establish minimum performance standards for the MCPs. DHCS will also take into consideration parental/guardian refusal for blood lead screening when establishing performance standards.

HEDIS—Lead Screening in Children (LSC)

- ◆ **Quintile 5 (Highest):** The rates for 12 counties (Imperial, Monterey, Madera, Marin, Humboldt, Santa Cruz, San Francisco, San Mateo, Glenn, San Benito, Kings, and Tulare) represent the highest performers.
- ◆ **Quintile 4:** 12 counties (Orange, Colusa, Tehama, Kern, San Diego, Mendocino, Ventura, Amador, Tuolumne, Yolo, Los Angeles, and Santa Clara).

³ Quality Compass® is a registered trademark of the NCQA.

- ◆ **Quintile 3:** 11 counties (Santa Barbara, Fresno, Alameda, San Bernardino, Sutter, San Joaquin, Napa, Merced, Contra Costa, Del Norte, and Riverside).
- ◆ **Quintile 2:** 12 counties (Butte, Yuba, Solano, San Luis Obispo, Stanislaus, Sonoma, Sacramento, Lake, Calaveras, Lassen, Modoc, and Trinity).
- ◆ **Quintile 1 (Lowest):** The rates for eight counties in the Far North and Sierra Range/Foothills regions represent the lowest performers.

Blood Lead Screening—12 Months of Age (BLS-1)

- ◆ **Quintile 5 (Highest):** The rates for 12 counties (Imperial, Monterey, Madera, Marin, Humboldt, Santa Cruz, San Francisco, San Mateo, Glenn, Tehama, Tulare, and Mendocino) represent the highest performers.
- ◆ **Quintile 4:** 12 counties (San Benito, Kings, Orange, Colusa, Kern, San Diego, Ventura, Tuolumne, Yolo, Los Angeles, Santa Clara, and Santa Barbara).
- ◆ **Quintile 3:** 11 counties (Amador, Fresno, Alameda, San Bernardino, Sutter, Napa, Merced, Butte, Solano, San Luis Obispo, and Trinity).
- ◆ **Quintile 2:** 12 counties (San Joaquin, Contra Costa, Del Norte, Riverside, Yuba, Stanislaus, Sacramento, Calaveras, Lassen, Modoc, Sonoma, and Nevada).
- ◆ **Quintile 1 (Lowest):** The rates for eight counties (Lake, and seven counties in the Far North and Sierra Range/Foothills regions) represent the lowest performers.

Blood Lead Screening—24 Months of Age (BLS-2)

- ◆ **Quintile 5 (Highest):** The rates for 12 counties (Imperial, Monterey, Madera, Marin, Humboldt, Santa Cruz, San Francisco, San Mateo, Glenn, Tulare, Orange, and Mendocino) represent the highest performers.
- ◆ **Quintile 4:** 12 counties (San Benito, Kings, Colusa, Tehama, Kern, San Diego, Ventura, Amador, Yolo, Santa Barbara, Fresno, and Napa).
- ◆ **Quintile 3:** 11 counties (Tuolumne, Los Angeles, Santa Clara, Alameda, San Bernardino, Sutter, San Joaquin, Merced, Riverside, Butte, and San Luis Obispo).
- ◆ **Quintile 2:** 11 counties (Contra Costa, Del Norte, Yuba, Solano, Stanislaus, Sonoma, Sacramento, Calaveras, Trinity, Nevada, and Lake).
- ◆ **Quintile 1 (Lowest):** The rates for nine counties in the Far North and Sierra Range/Foothills regions represent the lowest performers.

Blood Lead Screening—Two Tests by 24 Months of Age (BLS-1 and 2)

- ◆ **Quintile 5 (Highest):** The rates for 13 counties (Imperial, Monterey, Madera, Marin, Humboldt, Santa Cruz, San Francisco, San Mateo, Glenn, Orange, Tehama, Mendocino, and Ventura) represent the highest performers.
- ◆ **Quintile 4:** 11 counties (San Benito, Kings, Tulare, Colusa, Kern, San Diego, Amador, Yolo, Los Angeles, Santa Barbara, and Fresno).
- ◆ **Quintile 3:** 11 counties (Tuolumne, Santa Clara, Alameda, San Bernardino, San Joaquin, Napa, Merced, Riverside, Butte, San Luis Obispo, and Trinity).

- ◆ **Quintile 2:** 12 counties (Sutter, Contra Costa, Del Norte, Yuba, Solano, Stanislaus, Sonoma, Sacramento, Lake, Calaveras, Nevada, and Placer).
- ◆ **Quintile 1 (Lowest):** The rates for four counties in the Far North and Sierra Range/Foothills regions represent the lowest performers.

Blood Lead Screening—Catch-Up Test by 6 Years of Age (BLS–316)

- ◆ **Quintile 5 (Highest):** The rates for 12 counties (Imperial, Marin, Humboldt, San Francisco, Kings, Kern, San Diego, Los Angeles, Santa Clara, Fresno, San Bernardino, and Riverside) represent the highest performers.
- ◆ **Quintile 4:** 12 counties (Madera, Glenn, Tehama, Ventura, Yolo, Alameda, San Joaquin, Solano, Stanislaus, Sonoma, Lake, and Sacramento).
- ◆ **Quintile 3:** 11 counties (San Mateo, San Benito, Tulare, Orange, Mendocino, Santa Barbara, Sutter, Napa, Merced, Contra Costa, and Lassen).
- ◆ **Quintile 2:** 10 counties (Monterey, Santa Cruz, Colusa, Amador, Tuolumne, Del Norte, Yuba, Shasta, Plumas, and Inyo).
- ◆ **Quintile 1 (Lowest):** The rates for seven counties (Butte, San Luis Obispo, and five counties in the Far North and Sierra Range/Foothills) represent the lowest performers.

Blood Lead Screening MCP Reporting Unit Results

Blood Lead Screening—12 Months of Age

Individuals who turned 1 year old during the measurement year, who had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after first birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.

Table 1.8—Blood Lead Screening—12 Months of Age (BLS-1)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	53.25%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	34.08%
Aetna Better Health of California—San Diego	47.39%
Alameda Alliance for Health—Alameda	51.28%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	48.90%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	48.31%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	47.36%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	62.17%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	66.99%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	49.25%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	37.58%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	35.92%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	62.74%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	59.15%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	52.74%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	63.99%
Blue Shield of California Promise Health Plan—San Diego	62.96%
California Health & Wellness Plan—Imperial	76.97%
California Health & Wellness Plan—Region 1	57.30%
California Health & Wellness Plan—Region 2	31.19%
CalOptima—Orange	61.53%
CalViva Health—Fresno	54.13%
CalViva Health—Kings	66.22%
CalViva Health—Madera	73.76%
CenCal Health—San Luis Obispo	46.45%
CenCal Health—Santa Barbara	61.65%
Central California Alliance for Health—Merced	49.18%
Central California Alliance for Health—Monterey/Santa Cruz	77.48%
Community Health Group Partnership Plan—San Diego	65.85%
Contra Costa Health Plan—Contra Costa	43.80%
Gold Coast Health Plan—Ventura	62.63%
Health Net Community Solutions, Inc.—Kern	55.61%
Health Net Community Solutions, Inc.—Los Angeles	52.86%
Health Net Community Solutions, Inc.—Sacramento	39.65%
Health Net Community Solutions, Inc.—San Diego	53.79%
Health Net Community Solutions, Inc.—San Joaquin	34.46%
Health Net Community Solutions, Inc.—Stanislaus	34.50%
Health Net Community Solutions, Inc.—Tulare	65.44%
Health Plan of San Joaquin—San Joaquin	44.00%

Stratification	Rate
Health Plan of San Joaquin—Stanislaus	37.42%
Health Plan of San Mateo—San Mateo	66.99%
Inland Empire Health Plan—Riverside/San Bernardino	46.54%
Kaiser NorCal (KP Cal, LLC)—KP North	34.70%
Kaiser SoCal (KP Cal, LLC)—San Diego	53.81%
Kern Health Systems, DBA Kern Family Health Care—Kern	59.84%
L.A. Care Health Plan—Los Angeles	54.56%
Molina Healthcare of California—Imperial	71.78%
Molina Healthcare of California—Riverside/San Bernardino	40.43%
Molina Healthcare of California—Sacramento	33.97%
Molina Healthcare of California—San Diego	63.70%
Partnership HealthPlan of California—Northeast	21.48%
Partnership HealthPlan of California—Northwest	67.57%
Partnership HealthPlan of California—Southeast	51.03%
Partnership HealthPlan of California—Southwest	45.83%
San Francisco Health Plan—San Francisco	70.41%
Santa Clara Family Health Plan—Santa Clara	55.29%
UnitedHealthcare Community Plan—San Diego	49.85%

Blood Lead Screening—24 Months of Age

Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday. Individuals must be continuously enrolled for 12 months (six months before and six months after the second birthday) with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month.

Table 1.9—Blood Lead Screening—24 Months of Age (BLS-2)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	43.40%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	35.76%
Aetna Better Health of California—San Diego	30.81%
Alameda Alliance for Health—Alameda	39.95%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	39.27%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	32.73%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	46.06%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	47.97%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	60.54%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	38.24%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	27.62%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	28.51%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	45.83%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	44.71%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	43.87%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	53.83%
Blue Shield of California Promise Health Plan—San Diego	52.91%
California Health & Wellness Plan—Imperial	69.04%
California Health & Wellness Plan—Region 1	46.41%
California Health & Wellness Plan—Region 2	23.62%
CalOptima—Orange	54.36%
CalViva Health—Fresno	48.33%
CalViva Health—Kings	48.76%
CalViva Health—Madera	68.71%
CenCal Health—San Luis Obispo	38.62%
CenCal Health—Santa Barbara	51.37%
Central California Alliance for Health—Merced	41.17%
Central California Alliance for Health—Monterey/Santa Cruz	66.67%
Community Health Group Partnership Plan—San Diego	54.39%
Contra Costa Health Plan—Contra Costa	26.90%
Gold Coast Health Plan—Ventura	51.55%
Health Net Community Solutions, Inc.—Kern	44.07%
Health Net Community Solutions, Inc.—Los Angeles	41.92%
Health Net Community Solutions, Inc.—Sacramento	31.89%
Health Net Community Solutions, Inc.—San Diego	42.16%
Health Net Community Solutions, Inc.—San Joaquin	29.24%
Health Net Community Solutions, Inc.—Stanislaus	28.56%
Health Net Community Solutions, Inc.—Tulare	53.98%
Health Plan of San Joaquin—San Joaquin	35.28%
Health Plan of San Joaquin—Stanislaus	30.74%
Health Plan of San Mateo—San Mateo	56.07%

Stratification	Rate
Inland Empire Health Plan—Riverside/San Bernardino	37.11%
Kaiser NorCal (KP Cal, LLC)—KP North	24.65%
Kaiser SoCal (KP Cal, LLC)—San Diego	40.91%
Kern Health Systems, DBA Kern Family Health Care—Kern	46.81%
L.A. Care Health Plan—Los Angeles	44.09%
Molina Healthcare of California—Imperial	61.89%
Molina Healthcare of California—Riverside/San Bernardino	33.10%
Molina Healthcare of California—Sacramento	29.70%
Molina Healthcare of California—San Diego	52.37%
Partnership HealthPlan of California—Northeast	15.07%
Partnership HealthPlan of California—Northwest	52.52%
Partnership HealthPlan of California—Southeast	38.18%
Partnership HealthPlan of California—Southwest	39.25%
San Francisco Health Plan—San Francisco	56.99%
Santa Clara Family Health Plan—Santa Clara	43.03%
UnitedHealthcare Community Plan—San Diego	47.15%

Blood Lead Screening—Two Tests by 24 Months of Age

Individuals who turned 2 years old during the measurement year, who had a screening within six months (before and after) their second birthday and also had a screening within six months (before and after) their first birthday. Individuals must be continuously enrolled for 24 months (18 months before and six months after the second birthday) with no more than one gap in enrollment during the 24-month period where the gap is no longer than one month.

Table 1.10—Blood Lead Screening—Two Tests by 24 Months of Age (BLS–1 and 2)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	30.51%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	20.18%
Aetna Better Health of California—San Diego	21.21%
Alameda Alliance for Health—Alameda	28.07%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	28.51%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	21.90%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	30.10%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	35.46%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	50.66%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	24.79%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	14.36%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	13.67%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	34.34%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	36.24%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	30.09%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	39.37%
Blue Shield of California Promise Health Plan—San Diego	42.47%
California Health & Wellness Plan—Imperial	59.03%
California Health & Wellness Plan—Region 1	33.57%
California Health & Wellness Plan—Region 2	10.52%
CalOptima—Orange	44.42%
CalViva Health—Fresno	31.17%
CalViva Health—Kings	35.91%
CalViva Health—Madera	58.82%
CenCal Health—San Luis Obispo	27.98%
CenCal Health—Santa Barbara	38.85%
Central California Alliance for Health—Merced	25.88%
Central California Alliance for Health—Monterey/Santa Cruz	58.48%
Community Health Group Partnership Plan—San Diego	41.49%
Contra Costa Health Plan—Contra Costa	17.23%
Gold Coast Health Plan—Ventura	41.55%
Health Net Community Solutions, Inc.—Kern	34.79%
Health Net Community Solutions, Inc.—Los Angeles	28.68%
Health Net Community Solutions, Inc.—Sacramento	16.95%
Health Net Community Solutions, Inc.—San Diego	28.87%
Health Net Community Solutions, Inc.—San Joaquin	12.03%
Health Net Community Solutions, Inc.—Stanislaus	18.10%
Health Net Community Solutions, Inc.—Tulare	40.93%
Health Plan of San Joaquin—San Joaquin	21.68%
Health Plan of San Joaquin—Stanislaus	17.30%
Health Plan of San Mateo—San Mateo	48.17%

Stratification	Rate
Inland Empire Health Plan—Riverside/San Bernardino	22.61%
Kaiser NorCal (KP Cal, LLC)—KP North	11.06%
Kaiser SoCal (KP Cal, LLC)—San Diego	24.48%
Kern Health Systems, DBA Kern Family Health Care—Kern	35.73%
L.A. Care Health Plan—Los Angeles	30.21%
Molina Healthcare of California—Imperial	54.47%
Molina Healthcare of California—Riverside/San Bernardino	21.26%
Molina Healthcare of California—Sacramento	18.72%
Molina Healthcare of California—San Diego	39.19%
Partnership HealthPlan of California—Northeast	5.05%
Partnership HealthPlan of California—Northwest	40.64%
Partnership HealthPlan of California—Southeast	22.11%
Partnership HealthPlan of California—Southwest	28.87%
San Francisco Health Plan—San Francisco	48.53%
Santa Clara Family Health Plan—Santa Clara	29.50%
UnitedHealthcare Community Plan—San Diego	34.45%

Blood Lead Screening—Catch-Up Test by 6 Years of Age

Individuals who turned 6 years old during the measurement year who were not screened at 1 or 2 years of age, to determine if they were screened between 31 months old and their sixth birthday. Individuals must be continuously enrolled for 12 months prior to their sixth birthday with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month. Exclusion of individuals who had at least one lead blood test prior to 31 months of age. (Note: For this measure, DHCS assessed claims for CPT codes 83655 [lead blood test] and Z0334 [counseling and blood draw]; Z0334 was retired May 1, 2018).

Table 1.11—Blood Lead Screening—Catch-Up Test by 6 Years of Age (BLS-316)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	36.99%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	41.18%
Aetna Better Health of California—San Diego	33.75%
Alameda Alliance for Health—Alameda	33.78%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	31.80%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	21.38%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	35.14%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	41.59%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	31.40%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	25.49%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	16.70%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	36.88%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	27.27%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	23.81%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	44.81%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	25.86%
Blue Shield of California Promise Health Plan—San Diego	46.26%
California Health & Wellness Plan—Imperial	46.12%
California Health & Wellness Plan—Region 1	23.41%
California Health & Wellness Plan—Region 2	16.55%
CalOptima—Orange	30.68%
CalViva Health—Fresno	38.30%
CalViva Health—Kings	47.41%
CalViva Health—Madera	31.61%
CenCal Health—San Luis Obispo	12.24%
CenCal Health—Santa Barbara	26.26%
Central California Alliance for Health—Merced	30.61%
Central California Alliance for Health—Monterey/Santa Cruz	23.98%
Community Health Group Partnership Plan—San Diego	48.09%
Contra Costa Health Plan—Contra Costa	26.27%
Gold Coast Health Plan—Ventura	34.53%
Health Net Community Solutions, Inc.—Kern	47.83%
Health Net Community Solutions, Inc.—Los Angeles	40.51%
Health Net Community Solutions, Inc.—Sacramento	39.91%
Health Net Community Solutions, Inc.—San Diego	34.99%
Health Net Community Solutions, Inc.—San Joaquin	32.54%
Health Net Community Solutions, Inc.—Stanislaus	30.27%
Health Net Community Solutions, Inc.—Tulare	29.31%
Health Plan of San Joaquin—San Joaquin	37.44%

Stratification	Rate
Health Plan of San Joaquin—Stanislaus	36.17%
Health Plan of San Mateo—San Mateo	27.91%
Inland Empire Health Plan—Riverside/San Bernardino	42.98%
Kaiser NorCal (KP Cal, LLC)—KP North	24.23%
Kaiser SoCal (KP Cal, LLC)—San Diego	36.28%
Kern Health Systems, DBA Kern Family Health Care—Kern	51.01%
L.A. Care Health Plan—Los Angeles	41.29%
Molina Healthcare of California—Imperial	51.16%
Molina Healthcare of California—Riverside/San Bernardino	40.60%
Molina Healthcare of California—Sacramento	50.58%
Molina Healthcare of California—San Diego	49.42%
Partnership HealthPlan of California—Northeast	16.00%
Partnership HealthPlan of California—Northwest	33.04%
Partnership HealthPlan of California—Southeast	31.24%
Partnership HealthPlan of California—Southwest	32.77%
San Francisco Health Plan—San Francisco	40.77%
Santa Clara Family Health Plan—Santa Clara	38.79%
UnitedHealthcare Community Plan—San Diego	44.12%

Lead Screening in Children

Individuals who turned 2 years old during the measurement year who had a screening by their second birthday. Individuals must be enrolled on their second birthday and continuously enrolled for 12 months prior to their second birthday (with no more than one gap in enrollment during the 12-month period where the gap is no longer than one month).

Table 1.12—Lead Screening in Children (LSC)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	60.81%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	50.00%
Aetna Better Health of California—San Diego	52.98%
Alameda Alliance for Health—Alameda	59.48%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	59.03%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	53.99%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	57.95%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	67.69%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	71.07%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	55.28%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	38.90%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	40.70%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	70.72%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	65.32%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	58.08%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	69.62%
Blue Shield of California Promise Health Plan—San Diego	72.26%
California Health & Wellness Plan—Imperial	82.19%
California Health & Wellness Plan—Region 1	58.10%
California Health & Wellness Plan—Region 2	33.06%
CalOptima—Orange	70.30%
CalViva Health—Fresno	61.79%
CalViva Health—Kings	73.66%
CalViva Health—Madera	79.96%
CenCal Health—San Luis Obispo	49.26%
CenCal Health—Santa Barbara	61.43%
Central California Alliance for Health—Merced	54.02%
Central California Alliance for Health—Monterey/Santa Cruz	78.71%
Community Health Group Partnership Plan—San Diego	72.66%
Contra Costa Health Plan—Contra Costa	53.76%
Gold Coast Health Plan—Ventura	69.38%
Health Net Community Solutions, Inc.—Kern	66.36%
Health Net Community Solutions, Inc.—Los Angeles	60.94%
Health Net Community Solutions, Inc.—Sacramento	45.69%
Health Net Community Solutions, Inc.—San Diego	55.16%
Health Net Community Solutions, Inc.—San Joaquin	46.29%
Health Net Community Solutions, Inc.—Stanislaus	48.74%
Health Net Community Solutions, Inc.—Tulare	72.47%
Health Plan of San Joaquin—San Joaquin	55.50%
Health Plan of San Joaquin—Stanislaus	48.62%
Health Plan of San Mateo—San Mateo	72.79%

Stratification	Rate
Inland Empire Health Plan—Riverside/San Bernardino	54.22%
Kaiser NorCal (KP Cal, LLC)—KP North	43.67%
Kaiser SoCal (KP Cal, LLC)—San Diego	64.82%
Kern Health Systems, DBA Kern Family Health Care—Kern	70.21%
L.A. Care Health Plan—Los Angeles	63.33%
Molina Healthcare of California—Imperial	78.36%
Molina Healthcare of California—Riverside/San Bernardino	50.23%
Molina Healthcare of California—Sacramento	51.47%
Molina Healthcare of California—San Diego	70.87%
Partnership HealthPlan of California—Northeast	21.41%
Partnership HealthPlan of California—Northwest	72.39%
Partnership HealthPlan of California—Southeast	54.02%
Partnership HealthPlan of California—Southwest	54.24%
San Francisco Health Plan—San Francisco	75.66%
Santa Clara Family Health Plan—Santa Clara	62.36%
UnitedHealthcare Community Plan—San Diego	57.30%

HSAG-Calculated Indicators MCP Reporting Unit Results

This section presents the MCP reporting unit-level results by indicator for reporting year 2020 (i.e., measurement year 2019 data). HSAG only included a member in an MCP reporting unit's rate calculation if the member met the indicator's continuous enrollment criteria with the MCP reporting unit. Table 1.13 through Table 1.21 display the statewide aggregate and 56 MCP reporting unit-level results for the six HSAG-calculated indicators.

Well-Child Visits in the First 30 Months of Life—Well-Child Visits in the First 15 Months—Six or More Well-Child Visits

The *Well-Child Visits in the First 30 Months of Life—Well-Child Visits in the First 15 Months—Six or More Well-Child Visits (W30–6)* indicator measures the percentage of children who turned 15 months old during the measurement year who received six or more well-child visits with a primary care provider (PCP).

Table 1.13—Well-Child Visits in the First 30 Months of Life—Well-Child Visits in the First 15 Months—Six or More Well-Child Visits (W30–6)—MCP Reporting Unit-Level Results

NA indicates the rate had a small denominator (i.e., less than 30).

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	25.86%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	NA
Aetna Better Health of California—San Diego	S
Alameda Alliance for Health—Alameda	31.93%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	37.44%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	42.41%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	20.42%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	34.20%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	34.27%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	23.72%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	29.80%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	17.52%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	24.62%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	36.59%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	29.22%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	36.52%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	41.98%
CalOptima—Orange	21.39%
CalViva Health—Fresno	29.31%
CalViva Health—Kings	46.78%
CalViva Health—Madera	44.76%
California Health & Wellness Plan—Imperial	38.09%
California Health & Wellness Plan—Region 1	24.92%
California Health & Wellness Plan—Region 2	42.17%
CenCal Health—San Luis Obispo	41.76%
CenCal Health—Santa Barbara	45.13%
Central California Alliance for Health—Merced	21.53%
Central California Alliance for Health—Monterey/Santa Cruz	26.90%
Community Health Group Partnership Plan—San Diego	38.43%
Contra Costa Health Plan—Contra Costa	45.95%
Gold Coast Health Plan—Ventura	48.98%
Health Net Community Solutions, Inc.—Kern	17.63%
Health Net Community Solutions, Inc.—Los Angeles	24.78%
Health Net Community Solutions, Inc.—Sacramento	19.98%
Health Net Community Solutions, Inc.—San Diego	24.18%
Health Net Community Solutions, Inc.—San Joaquin	27.34%
Health Net Community Solutions, Inc.—Stanislaus	34.19%
Health Net Community Solutions, Inc.—Tulare	43.49%
Health Plan of San Joaquin—San Joaquin	25.15%
Health Plan of San Joaquin—Stanislaus	31.83%
Health Plan of San Mateo—San Mateo	42.79%
Inland Empire Health Plan—Riverside/San Bernardino	10.74%

Stratification	Rate
Kaiser NorCal (KP Cal, LLC)—KP North	3.51%
Kaiser SoCal (KP Cal, LLC)—San Diego	27.99%
Kern Health Systems, DBA Kern Family Health Care—Kern	17.62%
L.A. Care Health Plan—Los Angeles	26.43%
Molina Healthcare of California—Imperial	36.08%
Molina Healthcare of California—Riverside/San Bernardino	10.54%
Molina Healthcare of California—Sacramento	12.10%
Molina Healthcare of California—San Diego	30.61%
Partnership HealthPlan of California—Northeast	9.09%
Partnership HealthPlan of California—Northwest	9.64%
Partnership HealthPlan of California—Southeast	20.22%
Partnership HealthPlan of California—Southwest	33.39%
San Francisco Health Plan—San Francisco	51.79%
Santa Clara Family Health Plan—Santa Clara	26.25%
UnitedHealthcare Community Plan—San Diego	42.00%

Well-Child Visits in the First 30 Months of Life—Well-Child Visits for Age 15 to 30 Months—Two or More Well-Child Visits

The *Well-Child Visits in the First 30 Months of Life—Well-Child Visits for Age 15 to 30 Months—Two or More Well-Child Visits (W30–2)* measures the percentage of children who turned 30 months old during the measurement year who received two or more well-child visits with a PCP.

Table 1.14—Well-Child Visits in the First 30 Months of Life—Well-Child Visits for Age 15 to 30 Months—Two or More Well-Child Visits (W30–2)—MCP Reporting Unit-Level Results

NA indicates the rate had a small denominator (i.e., less than 30).

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	63.13%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	NA
Aetna Better Health of California—San Diego	43.59%
Alameda Alliance for Health—Alameda	70.29%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	64.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	74.19%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	61.91%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	64.58%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	77.68%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	66.32%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	65.56%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	65.95%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	60.39%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	73.76%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	70.79%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	69.12%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	58.56%
CalOptima—Orange	54.20%
CalViva Health—Fresno	62.23%
CalViva Health—Kings	60.65%
CalViva Health—Madera	78.79%
California Health & Wellness Plan—Imperial	74.17%
California Health & Wellness Plan—Region 1	69.24%
California Health & Wellness Plan—Region 2	63.32%
CenCal Health—San Luis Obispo	75.33%
CenCal Health—Santa Barbara	82.24%
Central California Alliance for Health—Merced	60.55%
Central California Alliance for Health—Monterey/Santa Cruz	81.82%
Community Health Group Partnership Plan—San Diego	69.76%
Contra Costa Health Plan—Contra Costa	68.98%
Gold Coast Health Plan—Ventura	70.84%
Health Net Community Solutions, Inc.—Kern	52.12%
Health Net Community Solutions, Inc.—Los Angeles	59.93%
Health Net Community Solutions, Inc.—Sacramento	63.92%
Health Net Community Solutions, Inc.—San Diego	63.52%
Health Net Community Solutions, Inc.—San Joaquin	59.92%
Health Net Community Solutions, Inc.—Stanislaus	55.55%
Health Net Community Solutions, Inc.—Tulare	70.61%
Health Plan of San Joaquin—San Joaquin	66.14%

Stratification	Rate
Health Plan of San Joaquin—Stanislaus	63.49%
Health Plan of San Mateo—San Mateo	75.28%
Inland Empire Health Plan—Riverside/San Bernardino	52.87%
Kaiser NorCal (KP Cal, LLC)—KP North	67.22%
Kaiser SoCal (KP Cal, LLC)—San Diego	66.23%
Kern Health Systems, DBA Kern Family Health Care—Kern	60.22%
L.A. Care Health Plan—Los Angeles	62.82%
Molina Healthcare of California—Imperial	64.22%
Molina Healthcare of California—Riverside/San Bernardino	48.31%
Molina Healthcare of California—Sacramento	53.94%
Molina Healthcare of California—San Diego	67.76%
Partnership HealthPlan of California—Northeast	60.22%
Partnership HealthPlan of California—Northwest	51.72%
Partnership HealthPlan of California—Southeast	62.23%
Partnership HealthPlan of California—Southwest	70.18%
San Francisco Health Plan—San Francisco	84.54%
Santa Clara Family Health Plan—Santa Clara	75.96%
UnitedHealthcare Community Plan—San Diego	48.65%

Child and Adolescent Well-Care Visits

The *Child and Adolescent Well-Care Visits (WCV)* indicator measures the percentage of children ages 3 to 21 years who had at least one comprehensive well-care visit with a PCP or an obstetrician/gynecologist (OB/GYN) practitioner during the measurement year. Table 1.15 through Table 1.18 display the MCP reporting-unit level results for the *3 to 6 Years*, *7 to 11 Years*, *12 to 21 Years*, and *Total* indicators.

Table 1.15—Child and Adolescent Well-Care Visits—3 to 6 Years (WCV-36)—MCP Reporting-Unit Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	68.12%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	55.79%
Aetna Better Health of California—San Diego	50.53%
Alameda Alliance for Health—Alameda	73.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	64.43%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	68.04%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	62.84%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	63.58%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	74.97%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	67.38%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	63.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	68.03%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	62.32%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	67.54%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	67.77%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	68.64%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	62.26%
CalOptima—Orange	69.36%
CalViva Health—Fresno	66.25%
CalViva Health—Kings	66.49%
CalViva Health—Madera	81.69%
California Health & Wellness Plan—Imperial	73.12%
California Health & Wellness Plan—Region 1	67.26%
California Health & Wellness Plan—Region 2	61.88%
CenCal Health—San Luis Obispo	74.93%
CenCal Health—Santa Barbara	79.55%
Central California Alliance for Health—Merced	68.43%
Central California Alliance for Health—Monterey/Santa Cruz	76.37%
Community Health Group Partnership Plan—San Diego	74.88%
Contra Costa Health Plan—Contra Costa	72.06%
Gold Coast Health Plan—Ventura	70.83%
Health Net Community Solutions, Inc.—Kern	60.75%
Health Net Community Solutions, Inc.—Los Angeles	63.05%
Health Net Community Solutions, Inc.—Sacramento	70.50%
Health Net Community Solutions, Inc.—San Diego	65.76%
Health Net Community Solutions, Inc.—San Joaquin	61.26%
Health Net Community Solutions, Inc.—Stanislaus	62.70%
Health Net Community Solutions, Inc.—Tulare	72.37%
Health Plan of San Joaquin—San Joaquin	68.65%
Health Plan of San Joaquin—Stanislaus	66.21%

Stratification	Rate
Health Plan of San Mateo—San Mateo	71.86%
Inland Empire Health Plan—Riverside/San Bernardino	66.86%
Kaiser NorCal (KP Cal, LLC)—KP North	76.55%
Kaiser SoCal (KP Cal, LLC)—San Diego	68.21%
Kern Health Systems, DBA Kern Family Health Care—Kern	66.27%
L.A. Care Health Plan—Los Angeles	64.57%
Molina Healthcare of California—Imperial	73.16%
Molina Healthcare of California—Riverside/San Bernardino	60.03%
Molina Healthcare of California—Sacramento	55.83%
Molina Healthcare of California—San Diego	68.46%
Partnership HealthPlan of California—Northeast	68.62%
Partnership HealthPlan of California—Northwest	61.35%
Partnership HealthPlan of California—Southeast	72.66%
Partnership HealthPlan of California—Southwest	78.55%
San Francisco Health Plan—San Francisco	77.77%
Santa Clara Family Health Plan—Santa Clara	76.10%
UnitedHealthcare Community Plan—San Diego	50.42%

Table 1.16—Child and Adolescent Well-Care Visits—7 to 11 Years (WCV-711)—MCP Reporting-Unit Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	49.93%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	34.03%
Aetna Better Health of California—San Diego	35.01%
Alameda Alliance for Health—Alameda	60.27%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	50.96%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	52.34%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	43.81%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	35.28%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	59.33%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	41.69%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	41.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	49.82%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	39.40%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	54.03%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	51.73%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	44.72%

Stratification	Rate
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	45.03%
CalOptima—Orange	55.78%
CalViva Health—Fresno	47.69%
CalViva Health—Kings	36.89%
CalViva Health—Madera	63.63%
California Health & Wellness Plan—Imperial	41.35%
California Health & Wellness Plan—Region 1	41.10%
California Health & Wellness Plan—Region 2	37.58%
CenCal Health—San Luis Obispo	60.46%
CenCal Health—Santa Barbara	67.34%
Central California Alliance for Health—Merced	46.79%
Central California Alliance for Health—Monterey/Santa Cruz	65.07%
Community Health Group Partnership Plan—San Diego	55.04%
Contra Costa Health Plan—Contra Costa	52.89%
Gold Coast Health Plan—Ventura	48.80%
Health Net Community Solutions, Inc.—Kern	36.96%
Health Net Community Solutions, Inc.—Los Angeles	49.09%
Health Net Community Solutions, Inc.—Sacramento	51.82%
Health Net Community Solutions, Inc.—San Diego	51.11%
Health Net Community Solutions, Inc.—San Joaquin	36.48%
Health Net Community Solutions, Inc.—Stanislaus	39.36%
Health Net Community Solutions, Inc.—Tulare	46.34%
Health Plan of San Joaquin—San Joaquin	48.19%
Health Plan of San Joaquin—Stanislaus	44.00%
Health Plan of San Mateo—San Mateo	60.00%
Inland Empire Health Plan—Riverside/San Bernardino	44.28%
Kaiser NorCal (KP Cal, LLC)—KP North	58.70%
Kaiser SoCal (KP Cal, LLC)—San Diego	45.03%

Stratification	Rate
Kern Health Systems, DBA Kern Family Health Care—Kern	40.88%
L.A. Care Health Plan—Los Angeles	50.10%
Molina Healthcare of California—Imperial	37.58%
Molina Healthcare of California—Riverside/San Bernardino	41.56%
Molina Healthcare of California—Sacramento	42.53%
Molina Healthcare of California—San Diego	51.86%
Partnership HealthPlan of California—Northeast	33.89%
Partnership HealthPlan of California—Northwest	37.96%
Partnership HealthPlan of California—Southeast	52.30%
Partnership HealthPlan of California—Southwest	53.50%
San Francisco Health Plan—San Francisco	63.04%
Santa Clara Family Health Plan—Santa Clara	60.49%
UnitedHealthcare Community Plan—San Diego	35.20%

Table 1.17—Child and Adolescent Well-Care Visits—12 to 21 Years (WCV-1221)—MCP Reporting-Unit Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	43.39%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	26.17%
Aetna Better Health of California—San Diego	29.03%
Alameda Alliance for Health—Alameda	50.49%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	40.95%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	41.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	33.36%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	30.97%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	52.56%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	34.63%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	36.31%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	43.38%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	33.66%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	44.52%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	41.02%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	38.55%

Stratification	Rate
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	36.19%
CalOptima—Orange	49.26%
CalViva Health—Fresno	40.19%
CalViva Health—Kings	33.24%
CalViva Health—Madera	51.61%
California Health & Wellness Plan—Imperial	34.62%
California Health & Wellness Plan—Region 1	32.18%
California Health & Wellness Plan—Region 2	33.51%
CenCal Health—San Luis Obispo	53.32%
CenCal Health—Santa Barbara	51.96%
Central California Alliance for Health—Merced	44.29%
Central California Alliance for Health—Monterey/Santa Cruz	54.07%
Community Health Group Partnership Plan—San Diego	54.89%
Contra Costa Health Plan—Contra Costa	42.70%
Gold Coast Health Plan—Ventura	41.56%
Health Net Community Solutions, Inc.—Kern	32.30%
Health Net Community Solutions, Inc.—Los Angeles	41.52%
Health Net Community Solutions, Inc.—Sacramento	45.37%
Health Net Community Solutions, Inc.—San Diego	43.05%
Health Net Community Solutions, Inc.—San Joaquin	31.59%
Health Net Community Solutions, Inc.—Stanislaus	35.04%
Health Net Community Solutions, Inc.—Tulare	40.29%
Health Plan of San Joaquin—San Joaquin	42.33%
Health Plan of San Joaquin—Stanislaus	37.65%
Health Plan of San Mateo—San Mateo	49.11%
Inland Empire Health Plan—Riverside/San Bernardino	41.33%
Kaiser NorCal (KP Cal, LLC)—KP North	51.02%
Kaiser SoCal (KP Cal, LLC)—San Diego	43.47%

Stratification	Rate
Kern Health Systems, DBA Kern Family Health Care—Kern	37.45%
L.A. Care Health Plan—Los Angeles	42.88%
Molina Healthcare of California—Imperial	38.13%
Molina Healthcare of California—Riverside/San Bernardino	36.91%
Molina Healthcare of California—Sacramento	35.41%
Molina Healthcare of California—San Diego	44.90%
Partnership HealthPlan of California—Northeast	29.76%
Partnership HealthPlan of California—Northwest	33.49%
Partnership HealthPlan of California—Southeast	44.75%
Partnership HealthPlan of California—Southwest	45.33%
San Francisco Health Plan—San Francisco	56.43%
Santa Clara Family Health Plan—Santa Clara	50.25%
UnitedHealthcare Community Plan—San Diego	33.99%

Table 1.18—Child and Adolescent Well-Care Visits—Total (WCV-Tot)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	50.61%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	35.64%
Aetna Better Health of California—San Diego	36.12%
Alameda Alliance for Health—Alameda	58.28%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	48.85%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	50.39%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	42.62%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	39.40%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	59.56%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	43.71%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	44.13%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	51.34%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	42.16%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	51.45%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	49.22%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	46.27%

Stratification	Rate
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	44.63%
CalOptima—Orange	55.08%
CalViva Health—Fresno	48.68%
CalViva Health—Kings	41.78%
CalViva Health—Madera	62.34%
California Health & Wellness Plan—Imperial	45.21%
California Health & Wellness Plan—Region 1	43.15%
California Health & Wellness Plan—Region 2	41.02%
CenCal Health—San Luis Obispo	60.22%
CenCal Health—Santa Barbara	62.96%
Central California Alliance for Health—Merced	50.40%
Central California Alliance for Health—Monterey/Santa Cruz	62.44%
Community Health Group Partnership Plan—San Diego	59.02%
Contra Costa Health Plan—Contra Costa	51.96%
Gold Coast Health Plan—Ventura	49.95%
Health Net Community Solutions, Inc.—Kern	39.74%
Health Net Community Solutions, Inc.—Los Angeles	47.89%
Health Net Community Solutions, Inc.—Sacramento	53.01%
Health Net Community Solutions, Inc.—San Diego	50.31%
Health Net Community Solutions, Inc.—San Joaquin	39.68%
Health Net Community Solutions, Inc.—Stanislaus	41.53%
Health Net Community Solutions, Inc.—Tulare	49.60%
Health Plan of San Joaquin—San Joaquin	50.00%
Health Plan of San Joaquin—Stanislaus	46.36%
Health Plan of San Mateo—San Mateo	57.00%
Inland Empire Health Plan—Riverside/San Bernardino	47.87%
Kaiser NorCal (KP Cal, LLC)—KP North	59.16%
Kaiser SoCal (KP Cal, LLC)—San Diego	49.33%

Stratification	Rate
Kern Health Systems, DBA Kern Family Health Care—Kern	45.32%
L.A. Care Health Plan—Los Angeles	49.42%
Molina Healthcare of California—Imperial	45.75%
Molina Healthcare of California—Riverside/San Bernardino	42.24%
Molina Healthcare of California—Sacramento	41.84%
Molina Healthcare of California—San Diego	52.32%
Partnership HealthPlan of California—Northeast	40.31%
Partnership HealthPlan of California—Northwest	41.47%
Partnership HealthPlan of California—Southeast	53.17%
Partnership HealthPlan of California—Southwest	54.91%
San Francisco Health Plan—San Francisco	63.16%
Santa Clara Family Health Plan—Santa Clara	58.36%
UnitedHealthcare Community Plan—San Diego	38.05%

Alcohol Use Screening

The *Alcohol Use Screening (AUS)* indicator measures the percentage of children ages 18 to 21 years who had one or more screenings for alcohol use during the measurement year. Due to a lack of reporting within administrative data sources (i.e., medical record review [MRR] or electronic health record [EHR] data could be necessary to capture this information), exercise caution when evaluating results as they may be more indicative of data completeness rather than performance.

Table 1.19—Alcohol Use Screening (AUS)—MCP Reporting Unit-Level Results

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	1.80%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	S
Aetna Better Health of California—San Diego	S
Alameda Alliance for Health—Alameda	1.99%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	3.80%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	6.70%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	0.00%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	0.00%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	1.92%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	1.07%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	0.00%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	0.00%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	5.22%
CalOptima—Orange	4.69%
CalViva Health—Fresno	0.12%
CalViva Health—Kings	S
CalViva Health—Madera	0.00%
California Health & Wellness Plan—Imperial	0.00%
California Health & Wellness Plan—Region 1	S
California Health & Wellness Plan—Region 2	0.80%
CenCal Health—San Luis Obispo	0.94%
CenCal Health—Santa Barbara	2.55%
Central California Alliance for Health—Merced	1.58%
Central California Alliance for Health—Monterey/Santa Cruz	9.64%
Community Health Group Partnership Plan—San Diego	4.26%
Contra Costa Health Plan—Contra Costa	2.32%
Gold Coast Health Plan—Ventura	0.52%
Health Net Community Solutions, Inc.—Kern	S
Health Net Community Solutions, Inc.—Los Angeles	0.78%
Health Net Community Solutions, Inc.—Sacramento	2.49%
Health Net Community Solutions, Inc.—San Diego	1.84%
Health Net Community Solutions, Inc.—San Joaquin	0.00%
Health Net Community Solutions, Inc.—Stanislaus	1.56%

Stratification	Rate
Health Net Community Solutions, Inc.—Tulare	S
Health Plan of San Joaquin—San Joaquin	S
Health Plan of San Joaquin—Stanislaus	1.37%
Health Plan of San Mateo—San Mateo	1.75%
Inland Empire Health Plan—Riverside/San Bernardino	2.37%
Kaiser NorCal (KP Cal, LLC)—KP North	0.00%
Kaiser SoCal (KP Cal, LLC)—San Diego	0.00%
Kern Health Systems, DBA Kern Family Health Care—Kern	0.25%
L.A. Care Health Plan—Los Angeles	0.80%
Molina Healthcare of California—Imperial	0.00%
Molina Healthcare of California—Riverside/San Bernardino	2.73%
Molina Healthcare of California—Sacramento	0.63%
Molina Healthcare of California—San Diego	3.93%
Partnership HealthPlan of California—Northeast	1.20%
Partnership HealthPlan of California—Northwest	4.23%
Partnership HealthPlan of California—Southeast	1.71%
Partnership HealthPlan of California—Southwest	4.08%
San Francisco Health Plan—San Francisco	S
Santa Clara Family Health Plan—Santa Clara	S
UnitedHealthcare Community Plan—San Diego	S

Dental Fluoride Varnish

The *Dental Fluoride Varnish (DFV)* indicator measures the percentage of children 6 months of age as of January 1 of the measurement year to 5 years of age as of December 31 of the measurement year who had one or more applications of dental fluoride varnish administered by a medical provider during the measurement year. This indicator relied on using both CPT and Code on Dental Procedures and Nomenclature (CDT) codes and included dental data.

Table 1.20—Dental Fluoride Varnish (DFV)—MCP Reporting Unit-Level Results

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	23.00%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	23.66%
Aetna Better Health of California—San Diego	5.51%
Alameda Alliance for Health—Alameda	14.56%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	12.95%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	17.91%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	31.59%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	9.43%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	39.36%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	15.49%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	19.57%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	26.93%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	10.75%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	20.49%

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	18.49%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	27.91%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	7.61%
CalOptima—Orange	25.03%
CalViva Health—Fresno	30.51%
CalViva Health—Kings	8.63%
CalViva Health—Madera	41.56%
California Health & Wellness Plan—Imperial	6.44%
California Health & Wellness Plan—Region 1	18.50%
California Health & Wellness Plan—Region 2	17.93%
CenCal Health—San Luis Obispo	46.77%
CenCal Health—Santa Barbara	53.53%
Central California Alliance for Health—Merced	19.75%
Central California Alliance for Health—Monterey/Santa Cruz	44.30%
Community Health Group Partnership Plan—San Diego	9.70%
Contra Costa Health Plan—Contra Costa	24.42%
Gold Coast Health Plan—Ventura	37.24%
Health Net Community Solutions, Inc.—Kern	18.04%
Health Net Community Solutions, Inc.—Los Angeles	20.55%
Health Net Community Solutions, Inc.—Sacramento	31.04%
Health Net Community Solutions, Inc.—San Diego	12.35%
Health Net Community Solutions, Inc.—San Joaquin	43.57%
Health Net Community Solutions, Inc.—Stanislaus	35.97%
Health Net Community Solutions, Inc.—Tulare	27.89%
Health Plan of San Joaquin—San Joaquin	47.71%
Health Plan of San Joaquin—Stanislaus	42.30%

Stratification	Rate
Health Plan of San Mateo—San Mateo	24.39%
Inland Empire Health Plan—Riverside/San Bernardino	18.91%
Kaiser NorCal (KP Cal, LLC)—KP North	28.60%
Kaiser SoCal (KP Cal, LLC)—San Diego	18.03%
Kern Health Systems, DBA Kern Family Health Care—Kern	16.93%
L.A. Care Health Plan—Los Angeles	20.84%
Molina Healthcare of California—Imperial	7.25%
Molina Healthcare of California—Riverside/San Bernardino	12.44%
Molina Healthcare of California—Sacramento	27.35%
Molina Healthcare of California—San Diego	9.65%
Partnership HealthPlan of California—Northeast	9.11%
Partnership HealthPlan of California—Northwest	3.90%
Partnership HealthPlan of California—Southeast	8.39%
Partnership HealthPlan of California—Southwest	13.97%
San Francisco Health Plan—San Francisco	29.84%
Santa Clara Family Health Plan—Santa Clara	21.08%
UnitedHealthcare Community Plan—San Diego	7.33%

Tobacco Use Screening

The *Tobacco Use Screening (TUS)* indicator measures the percentage of children ages 12 to 21 years who had one or more screenings for tobacco use during the measurement year. Due to a lack of reporting within administrative data sources (i.e., MRR or EHR data could be necessary to capture this information), exercise caution when evaluating results as they may be more indicative of data completeness rather than performance.

Table 1.21—Tobacco Use Screening (TUS)—MCP Reporting Unit-Level Results

S indicates fewer than 11 cases exist in the numerator; therefore, HSAG suppresses displaying the rate in this report to satisfy the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule’s de-identification standard.

Stratification	Rate
Statewide Aggregate	
Statewide Aggregate	1.41%
MCP Reporting Unit	
Aetna Better Health of California—Sacramento	3.58%
Aetna Better Health of California—San Diego	S
Alameda Alliance for Health—Alameda	0.03%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Alameda	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Contra Costa	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Fresno	0.30%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Kings	S
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Madera	2.46%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 1	0.32%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Region 2	0.96%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Sacramento	2.91%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Benito	S

Stratification	Rate
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—San Francisco	0.00%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Santa Clara	0.00%
Blue Cross of California Partnership Plan, Inc., DBA Anthem Blue Cross Partnership Plan—Tulare	0.09%
Blue Shield of California Promise Health Plan (prior to January 1, 2019, known as Care1st Health Plan)—San Diego	1.96%
CalOptima—Orange	3.49%
CalViva Health—Fresno	0.41%
CalViva Health—Kings	S
CalViva Health—Madera	2.45%
California Health & Wellness Plan—Imperial	S
California Health & Wellness Plan—Region 1	0.44%
California Health & Wellness Plan—Region 2	0.72%
CenCal Health—San Luis Obispo	S
CenCal Health—Santa Barbara	0.00%
Central California Alliance for Health—Merced	0.07%
Central California Alliance for Health—Monterey/Santa Cruz	S
Community Health Group Partnership Plan—San Diego	0.99%
Contra Costa Health Plan—Contra Costa	1.50%
Gold Coast Health Plan—Ventura	0.22%
Health Net Community Solutions, Inc.—Kern	0.19%
Health Net Community Solutions, Inc.—Los Angeles	1.39%
Health Net Community Solutions, Inc.—Sacramento	2.34%
Health Net Community Solutions, Inc.—San Diego	10.41%
Health Net Community Solutions, Inc.—San Joaquin	0.00%
Health Net Community Solutions, Inc.—Stanislaus	0.08%
Health Net Community Solutions, Inc.—Tulare	0.15%
Health Plan of San Joaquin—San Joaquin	S

Stratification	Rate
Health Plan of San Joaquin—Stanislaus	0.11%
Health Plan of San Mateo—San Mateo	0.07%
Inland Empire Health Plan—Riverside/San Bernardino	2.53%
Kaiser NorCal (KP Cal, LLC)—KP North	S
Kaiser SoCal (KP Cal, LLC)—San Diego	S
Kern Health Systems, DBA Kern Family Health Care—Kern	1.05%
L.A. Care Health Plan—Los Angeles	1.18%
Molina Healthcare of California—Imperial	S
Molina Healthcare of California—Riverside/San Bernardino	3.05%
Molina Healthcare of California—Sacramento	4.53%
Molina Healthcare of California—San Diego	6.22%
Partnership HealthPlan of California—Northeast	S
Partnership HealthPlan of California—Northwest	S
Partnership HealthPlan of California—Southeast	0.08%
Partnership HealthPlan of California—Southwest	0.07%
San Francisco Health Plan—San Francisco	0.09%
Santa Clara Family Health Plan—Santa Clara	S
UnitedHealthcare Community Plan—San Diego	S

Caveats and Limitations

Blood Lead Screening Indicator Calculation

All blood lead tests drawn in California are to be reported to the California Department of Public Health (CDPH)⁴ and are recorded in the CDPH Response and Surveillance System for Childhood Lead Exposures (RASSCLE) system. California children who are beneficiaries of Medi-Cal, California's Medicaid program, are to be screened for lead poisoning with a blood test at ages 12 and 24 months and up to age 6 years if not previously tested.⁵ Medi-Cal beneficiaries receive their health care services either through Medi-Cal fee-for-service (FFS) or through a Medi-Cal managed care plan. FFS Medi-Cal providers are required to submit their claims to DHCS for services paid for by Medi-Cal. MCPs are required to submit their encounter data to DHCS for services provided to Medi-Cal beneficiaries. Public reporting of children receiving blood lead tests (BLS) in California has been based on data reported to CDPH or claims and encounter data reported to DHCS. In 2020, the CDPH Childhood Lead Poisoning Prevention Branch and DHCS partnered to combine data from the two systems and identify Medi-Cal beneficiaries found in both data sets in order to obtain a more accurate estimate of BLS rates among children under the age of 6 receiving Medi-Cal services.

To identify children appearing in both data repositories, a deterministic match was performed using several variables or combinations of variables since no unique identifier is shared between all children in both data repositories. Matching variables included Social Security number, Medi-Cal number (although a small proportion of the blood lead records contained these data elements); a combination of first name, last name, date of birth, and ZIP Code; or a combination of first name, last name, and phone number.

Children were counted as having received a BLS if there was at least one Medi-Cal claim (FFS) or encounter (managed care) for a blood lead test (CPT code 83655) or a report of a blood lead test in the CDPH RASSCLE data system. After examining the data from CDPH, an additional 145,889 children (6.2 percent more than were screened based on DHCS claims data) were found to have been tested for lead and were included in the rates reported for measurement year 2019.

Data Run Out

DHCS calculated the 2019 BLS rates using DHCS claims data pulled in December 2020, matched to CDPH blood screening registry data from June 4, 2020. Claims data for a given month are generally considered complete for statistical reporting 12 months after the month's end.

⁴ California Health and Safety Code Section 124130

⁵ Title 17, California Code of Regulations Section 37100 (b)(2)

Regional County Determination Legend for Reference

DHCS classified counties into the following regions:

- ◆ Bay Area Counties: Marin, San Francisco, San Mateo, Santa Clara, Alameda, Napa, Contra Costa, Solano, and Sonoma
- ◆ Central Coast Counties: Monterey, Santa Cruz, San Benito, Ventura, Santa Barbara, and San Luis Obispo
- ◆ Central Valley Counties: Madera, Kings, Tulare, Kern, Fresno, San Joaquin, Merced, and Stanislaus
- ◆ Far North Counties: Modoc, Trinity, Shasta, and Siskiyou
- ◆ Los Angeles County: Los Angeles
- ◆ North Coast Counties: Humboldt, Mendocino, Del Norte, and Lake
- ◆ Sacramento Valley Counties: Glenn, Colusa, Tehama, Yolo, Sutter, Butte, Yuba, and Sacramento
- ◆ Sierra Range/Foothills Counties: Amador, Tuolumne, Calaveras, Lassen, Nevada, Placer, El Dorado, Mariposa, Alpine, Plumas, Inyo, Sierra, and Mono
- ◆ Southern California Counties: Imperial, Orange, San Diego, San Bernardino, and Riverside